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INFORMATION DISCLOSURE STATEMENT		Atty Dkt: 3504.284B	Serial No. To be Provided
Title: Solid Phase Native Chemical Ligation of Unprotected or N-Terminal Cysteine Protected Peptides in Aqueous Solution		Applicant: Canne, Lynne, <i>et al.</i>	
		Filing Date: Herewith	Group

10996 U.S. PTO
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U.S. PATENT DOCUMENTS

Examiner's Initial	Patent Number	Date	Name	Class	Sub- Class	Filing Date

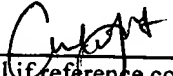
FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub- Class	Trans- lation Yes/No
01	AL1 WO 96/34878	11/7/96	PCT	C07K	1/02	NO
02	AM1 WO 98/28434	7/2/98	PCT	C12P	21/00	NO

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03	AR1	Aimoto, "Synthesis of Phosphorylated Calmodulin-binding Site of Ca2+/Calmodulin-dependent Protein Kinase IICAMII by a Thioester Method," <i>Chemical Abstracts</i> , Vol. 125, No. 1, Abstract No. 11415, (1996).
	AS1	Akaji, <i>et al.</i> , "Studies On Peptides. CXXVII. Synthesis Of A Tripentacontapeptide With Epidermal Growth Factor Activity," <i>Chem. Pharma. Bull.</i> (Tokyo) 33:184-102 (1985).
	AT1	Atherton, <i>et al.</i> , "Solid Phase Fragment Condensation - The Problems," <i>In Innovation and Perspective In Solid Phase Synthesis</i> , R. Epton, <i>et al.</i> Eds., pages 11-25 (1990).
	AR2	Ball, <i>et al.</i> , "Affinity Purification Of 101 Residue Rat Cpn 10 Using A Reversible Biotinylated Probe," <i>J. Pept. Sci.</i> , 1:288-294 (1995).
04	AS2	Blake, "Total Synthesis Of S-Carbamoylmethyl Bovine Apocytocrome C By Segment Coupling," <i>Int. J. Pept. Potein Res.</i> , 27:191-200 (1986).

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as	AT2	Canne, <i>et al.</i> , "Synthesis Of Versatile Purification Handle For Use With Boc Chemistry Solid Phase Peptide Synthesis," <i>Tetrahedron Letters</i> , 38(19):3361-3364 (1997).					
	AR3	Canne, "Extending the Applicability of Native Chemical Ligation," <i>J. Am. Che. Soc.</i> , Vol. 118:5891-5896 (1996).					
	AS3	Canne, "A General Method For The Synthesis Of Thioester Resin Linkers For Use In The Solid Phase Synthesis Of Peptide- α -Thioacids," <i>Tetrahedron Letters</i> , 36(8):1217-1220 (1995).					
	AT3	Cheng, <i>et al.</i> , "Chemical Synthesis Of Human β -Endorphin(1-27) Analogs By Peptide Segment Coupling," <i>Int. J. Pept. Prot. Res.</i> , 38:70-78 (1991).					
as	AR4	Dawson, <i>et al.</i> , "Synthesis Of Proteins By Native Chemical Ligation," <i>Science</i> , 266:766-799 (1994).					
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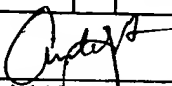
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AS4	Funakoshi, <i>et al.</i> , "Chemoselective One-Step Purification Method For Peptides Synthesized by the Solid Phase Technique," Proc. Natl. Acad. Sci. USA, 88:6981-6985 (1991).
AT4	Funakoshi, <i>et al.</i> , " Affinity Purification Method Using Reversible Biotinylating Reagent For Peptides Synthesized By The Solid-Phase Technique," <i>J. Chromatog.</i> , 638:21-27 (1995).
AR5	Garcia-Echeverria, <i>et al.</i> , "One The Use of Hydrophobic Probes In The Chromatographic Purification Of Solid-Phase-Synthesized Peptides," <i>J. Chem. Soc. Chem. Commun.</i> , 779-780 (1995).
AS5	Hojo, "Development of a Linker With an Enhanced Stability for the Preparation of Peptide Thioesters and Its Application to the Synthesis of a Stable-Isotope-Labelled HU-Type DNA-Binding Protein," <i>Bull. Chem. Soc. Japan</i> , 66(9):2700-2706 (1993).
AT5	Hojo, <i>et al.</i> , " Protein Synthesis Using S-Alkyl Thioester Of Partially Protected Peptide Segments, Synthesis of DNA-Binding Domain Of c-Myb Protein (142-193)-NH ₂ ," <i>Bull. Chem. Soc. Japan</i> , 65:3055-3063 (1992).
AR6	Hojo, <i>et al.</i> , " Polypeptide Synthesis Using the S-Alkyl Thioester of a Partially Protected Segment: Synthesis of the DNA-Binding Domain of c-Myb Protein (142-193)-NH ₂ ," <i>Bull. Chem. Soc. Japan</i> , 64:111-117 (1991).

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os	AS6	Janssen, "Thiolo, Thiono, and Dithio Acids and Ester," Chapter 15, <i>The Chemistry of Carboxylic Acids and Esters</i> (1969).					
	AT6	Liu, <i>et al.</i> , "Peptide Segment Ligation Strategy Without Use Of Protecting Groups," <i>Proc. Natl. Acad. Sci. USA</i> , 91:6584-6588 (1994).					
	AR7	Muramatsu, <i>et al.</i> , "Localization of Heparin-Binding, Neurite Outgrowth and Antigenic Regions In Midkine Molecule," <i>Biochem. And Biophys. Res. Comm.</i> , 203(2):1131-1139 (1994).					
	AS7	Rose, <i>et al.</i> , "Facile Synthesis Of Homogeneous Artificial Proteins," <i>J. Am. Chem. Soc.</i> , 116:30-34 (1994).					
	AT7	Schnolzer, <i>et al.</i> , "Constructing Proteins By Dovetailing Unprotected Synthetic Peptides: Backbone-Engineered HIV Protease," <i>Science</i> , 256:221-225 (1992).					
os	AR8	Tam, <i>et al.</i> , "Peptide Synthesis Using Unprotected Peptides Through Orthogonal Coupling Methods," <i>Proc. Natl. Acad. Sci. USA</i> , 92:12485-12489 (1995).					
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